

OCEAN GALES AND STORMS, AUGUST 1937

Vessel	Voyage		Position at time of lowest barometer		Gale began August—	Time of lowest barometer August—	Gale ended August—	Lowest barometer	Direction of wind when gale began	Direction and force of wind at time of lowest barometer	Direction of wind when gale ended	Direction and highest force of wind	Shifts of wind near time of lowest barometer
	From—	To—	Latitude	Longitude									
NORTH ATLANTIC OCEAN													
Wellfield, Br. M. S.	Boston	Carapita	37 55 N.	68 00 W.	1	1a, 1	1	29.91	SW	WSW, 8.	W	SW, 9.	SW-W.
Bergensfjord, Nor. S. S.	New York	Bergen	41 00 N.	67 25 W.	1	8a, 1	2	29.58	NE	NNW, 8.	S	NNW, 8.	ENE-NNW-SW.
Volendam, Du. S. S.	do.	Rotterdam	41 11 N.	63 37 W.	1	Noon, 1.	1	29.86	SSE	SSE, 8.	SSW	SSE, 8.	SSE-S.
Normandie, Fr. S. S.	Southampton	New York	40 53 N.	65 20 W.	1	Noon, 1.	1	29.64	SW	W, 10.	W	WSW, 10.	SW-W.
Sarcosie, Am. S. S.	do.	do.	42 00 N.	64 15 W.	1	3p, 1.	1	29.75	SSE	SW, 8.	WSW	SW, 8.	S-SW.
Ceres, Du. S. S.	Amsterdam	San Juan	44 36 N.	31 45 W.	3	10a, 2.	3	30.14	NE	S, 3.	NE	NE, 8.	S-NE.
Blenville, Am. S. S.	Mobile	Liverpool	33 24 N.	76 30 W.	6	7a, 5.	6	29.88	SE	ENE, 6.	S	SE, 10.	ENE-NE.
Andrea F. Luckenbach, Am. S. S.	Colon	New York	34 33 N.	74 00 W.	5	8p, 5.	6	29.81	SSE	SE.	E	E, 8.	SE-E.
Atlantis, Am. Ketch	Woods Hole	New York	37 36 N.	71 24 W.	6	9p, 6.	7	29.80	SE	SE, 10.	NW	SE, 10.	SE-NE.
American Trader, Am. S. S.	London	New York	41 10 N.	65 50 W.	7	Mdt, 7.	8	29.67	SE	SSW, 9.	W	SSW, 9.	SE-W.
Poseidon, Du. S. S.	Savannah	Glasgow	54 39 N.	13 48 W.	23	4a, 24.	24	29.77	SSW	SSW, 7.	NW	SSW, 8.	None.
Montreal City, Br. S. S.	Fowey	Portland, Me.	50 36 N.	27 15 W.	24	7p, 24.	25	29.67	S	SW, 9.	Var	SW, 9.	S-NW.
Pres. Roosevelt, Am. S. S.	Cobh	New York	47 56 N.	35 58 W.	24	2a, 25.	25	29.84	SSE	SW, 7.	SW	S, 9.	S-NW.
Emile Franqueli, Belg. S. S.	Antwerp	do.	47 45 N.	34 40 W.	25	2p, 25.	26	29.85	S	S, 9.	W	S, 10.	
Volendam, Du. S. S.	Rotterdam	do.	50 06 N.	33 44 W.	25	7p, 25.	25	29.54	SSW	S, 8.	NNW	S, 8.	SSE-WSW-NNW.
Beemsterdijk, Du. S. S.	do.	do.	50 48 N.	25 59 W.	25	6a, 26.	26	29.83	S	S, 6.	S	S, 8.	S-NW.
Patrick Henry, Am. S. S.	New Orleans	London	48 15 N.	26 45 W.	26	3a, 27.	29	29.91	SSW	SW, 7.	N	SW, 8.	SW-N.
Colombia, Am. S. S.	New York	Port au Prince	27 39 N.	74 05 W.	28	3p, 28.	29	29.84	SE	SE, 7.	SE	SE, 8.	None.
C. A. Canfield, Am. S. S.	Paulsboro	Cristobal	25 34 N.	74 18 W.	28	4p, 28.	29	29.88	SE	SSE, 7.	SE	S, 8.	SE-SSE.
Bergensfjord, Nor. S. S.	Bergen	New York	54 35 N.	36 00 W.	27	8a, 29.	30	29.50	SSW	SE, 2.	NW	W, 9.	W-SE-NW.
Solana, Am. S. S.	New York	Lockport	28 36 N.	78 38 W.	29	6p, 29.	30	29.75	SE	SE, 10.	S	SE, 10.	None.
Matagorda, Am. M. S.	Baltimore	New Orleans	28 30 N.	78 40 W.	29	7p, 29.	29	29.69	ESE	ESE, 9.	ESE	ESE, 9.	ESE-SSW.
Guilfoil, Am. S. S.	Philadelphia	Port Arthur	30 00 N.	80 15 W.	29	5a, 30.	30	29.79	E	SE, 9.	SSE	SE, 9.	ESE-SE.
American Trader, Am. S. S.	London	Boston	49 19 N.	24 51 W.	30	3a, 31.	4	29.61	SW	SW, 6.	NW	W, 8.	SW-W.
NORTH PACIFIC OCEAN													
Corneville, Nor. M. S.	Hong Kong	Los Angeles	21 06 N.	126 06 E.	1	8p, 1.	3	29.24	W	W, 6.	S	S, 11.	W-S.
California, Am. S. S.	Los Angeles	Acapulco	21 05 N.	107 38 W.	4	6a, 4.	4	29.78	ESE	ESE, 7.	SE	ESE, 7.	
Steel Navigator, Am. S. S.	Shanghai	Manila	23 06 N.	122 06 E.	9	8a, 5.	9	29.61	SW	SW, 6.	SW	SW, 8.	None.
Si-Kiang, Fr. S. S.	Hong Kong	Kobe	29 42 N.	122 48 E.	13	2p, 14.	15	29.38	N	W, 7.	S	WNW, 8.	N-W-S.

1 July.

2 Barometer uncorrected.

3 Position approximate.

4 September.

NORTH PACIFIC OCEAN, AUGUST 1937

By WILLIS E. HURD

Atmospheric pressure.—The Aleutian Low, which had continued strongly in evidence through July, was practically nonexistent in August 1937. The average barometer over the eastern Aleutians was 0.15 inch or more higher than the normal. In the Gulf of Alaska, however, there was some reversal of barometric conditions, with Juneau, average barometer 29.92, showing a pressure departure from normal of -0.10.

Over the great central body of the ocean, pressure was mostly anticyclonic and high barometer prevailed from the northern coast of the United States far westward into east longitudes, and from Dutch Harbor to Honolulu; both of these stations had an average pressure of 30.01.

In the Far East, although several tropical disturbances occurred to the west and northwest of the Marianas, yet the average pressure at Guam was only 0.02 inch below the normal, while at Chichishima, in the Ogasawara Islands south of Japan, the August average, 29.94 inches, was 0.18 inch higher than the normal.

Cyclones and gales.—The weather in middle and high latitudes of the North Pacific was unusually quiet during August 1937. Several lows appeared over the Aleutian region, but these, so far as at present indicated, caused no winds of gale force. In middle latitudes the highest wind reported from other than a tropical disturbance was of force 7 from the north-northwest, near 36° N., 131° W., experienced by the Japanese motorship *Heiyo Maru*.

TABLE 1.—Averages, departures, and extremes of atmospheric pressure at sea level, North Pacific Ocean, August 1937

Station	Average pressure	Departure from normal	Highest	Date	Lowest	Date
	Inches	Inch	Inches		Inches	
Point Barrow	29.77	-0.12	30.18	25	29.24	3
Dutch Harbor	30.01	+ .15	30.36	19	29.56	2
St. Paul	29.97	+ .19	30.30	19	29.50	1
Kodiak	29.91	+ .05	30.30	31	29.46	2
Juneau	29.92	- .10	30.20	16	29.40	3
Tatoosh Island	30.08	+ .08	30.33	2	29.66	30
San Francisco	29.93	+ .01	30.07	25	29.77	13
Mazatlan	29.88	+ .04	29.98	17, 25, 26	29.74	29
Honolulu	30.01	.00	30.10	2	29.87	29
Midway Island	30.12	+ .04	30.24	7, 8	29.90	30
Guam	29.80	- .02	29.89	28	29.74	10, 23, 24, 25
Manila	29.74	.00	29.83	21	29.59	2
Hong Kong	29.65	- .01	29.81	26	29.34	3
Naha	29.77	+ .08	29.94	17, 23, 25, 28	29.03	1
Chichishima	29.94	+ .18	30.06	16, 28	29.68	9

NOTE.—Data based on 1 daily observation only, except those for Juneau, Tatoosh Island, San Francisco, and Honolulu, which are based on 2 observations. Departures are computed from best available normals related to time of observation.

Tropical disturbances—Typhoons.—Subjoined is an account of the typhoons and depressions on Far Eastern waters during August 1937, prepared by the Rev. Bernard F. Doucette, S. J., of the Philippine Weather Bureau. With further reference to the first typhoon there described, that of July 29–August 5, a report received from the Norwegian motorship *Corneville* shows that the storm was of near hurricane intensity on August 2 to the south-east of Taiwan. The ship, east-bound from Hong Kong, had a south gale of force 11 at 6 a. m. of that date, and at